

APPENDIX B. STATISICAL TABLES

Appendix table 1. Number of academic institutions with Federal S&E support, by type of support and 1994 Carnegie code: FY 1971–2000

Fiscal year	All institutions	Research, doctorate-granting, and medical						2YR	All other institutions						
		Total	R1	R2	D1	D2	MED		Total	C1	C2	LA1	LA2	Other	
Total S&E															
1971.....	1,248	258	89	37	51	51	30	230	760	326	45	128	185	76	
1972.....	1,378	259	89	37	51	52	30	282	837	338	57	131	217	94	
1973.....	1,199	257	89	37	50	52	29	215	727	309	44	122	176	76	
1974.....	1,043	261	89	37	51	51	33	140	642	285	38	113	144	62	
1975.....	1,004	255	89	37	49	50	30	129	620	288	40	105	136	51	
1976.....	840	256	89	37	48	52	30	82	502	248	30	92	90	42	
1977.....	912	257	89	37	50	50	31	120	535	260	34	88	101	52	
1978.....	940	257	89	37	49	51	31	110	573	276	30	105	108	54	
1979.....	928	259	89	37	50	51	32	102	567	278	32	103	104	50	
1980.....	890	256	89	37	48	52	30	84	550	261	33	100	111	45	
1981.....	869	258	89	37	48	52	32	82	529	253	33	100	109	34	
1982.....	680	256	89	37	48	50	32	43	381	202	24	64	56	35	
1983.....	674	258	89	37	49	52	31	44	372	199	18	64	56	35	
1984.....	694	258	89	37	48	52	32	45	391	205	23	70	59	34	
1985.....	770	260	89	37	48	53	33	37	473	242	28	100	67	36	
1986.....	794	259	89	37	48	51	34	44	491	233	33	95	85	45	
1987.....	1,031	262	89	37	50	53	33	145	624	284	41	109	132	58	
1988.....	994	263	89	37	50	54	33	136	595	291	39	101	112	52	
1989.....	1,048	263	89	37	51	54	32	178	607	286	42	104	113	62	
1990.....	1,005	263	89	37	50	54	33	130	612	281	49	108	115	59	
1991.....	1,111	261	89	37	48	54	33	155	695	311	43	117	149	75	
1992.....	1,188	264	89	37	49	54	35	197	727	326	50	134	143	74	
1993.....	1,122	264	89	37	48	54	36	180	678	311	43	122	143	59	
1994.....	1,141	262	89	37	48	53	35	197	682	313	48	118	131	72	
1995.....	1,131	263	89	37	49	53	35	167	701	318	44	115	140	84	
1996.....	1,087	264	89	37	50	53	35	156	667	298	45	104	125	95	
1997.....	1,143	264	89	37	49	54	35	175	704	313	41	114	140	96	
1998.....	1,082	266	89	37	51	54	35	151	665	301	35	112	120	97	
1999.....	1,092	263	89	37	49	53	35	151	678	318	36	99	127	98	
2000.....	1,046	265	89	37	49	53	37	139	642	290	39	100	120	93	
R&D															
1971.....	852	251	89	37	47	49	29	23	289	150	15	63	36	25	
1972.....	946	249	89	37	49	48	26	39	329	166	16	70	47	30	
1973.....	807	246	89	37	47	46	27	15	273	142	13	52	39	27	
1974.....	824	247	89	37	47	44	30	23	277	145	13	58	35	26	
1975.....	848	250	89	37	47	48	29	18	290	153	15	50	47	25	
1976.....	875	252	89	37	46	50	30	17	303	168	16	53	36	30	
1977.....	953	250	89	37	47	47	30	31	336	182	17	61	42	34	
1978.....	1,038	252	89	37	46	49	31	58	364	190	13	69	53	39	
1979.....	1,036	255	89	37	49	48	32	35	373	194	18	71	57	33	

See explanatory information and SOURCE at end of table.

Appendix table 1. Number of academic institutions with Federal S&E support, by type of support and 1994 Carnegie code: FY 1971–2000

Fiscal year	All institutions	Research, doctorate-granting, and medical						2YR	All other institutions					
		Total	R1	R2	D1	D2	MED		Total	C1	C2	LA1	LA2	Other
1980.....	1,075	253	89	37	46	51	30	38	392	203	20	80	60	29
1981.....	967	256	89	37	47	52	31	15	348	188	20	69	48	23
1982.....	903	254	89	37	47	50	31	15	317	172	21	62	35	27
1983.....	925	257	89	37	48	52	31	18	325	179	15	64	37	30
1984.....	929	256	89	37	47	52	31	19	327	173	19	69	37	29
1985.....	1,015	259	89	37	48	52	33	18	369	199	21	83	39	27
1986.....	1,017	259	89	37	48	51	34	24	367	190	22	73	42	40
1987.....	1,197	261	89	37	49	53	33	70	433	210	29	84	69	41
1988.....	1,075	261	89	37	49	53	33	34	390	199	26	80	51	34
1989.....	1,130	261	89	37	50	53	32	41	414	214	25	78	56	41
1990.....	1,185	261	89	37	49	53	33	50	437	217	30	87	66	37
1991.....	1,236	260	89	37	48	53	33	58	459	215	26	91	72	55
1992.....	1,344	263	89	37	49	53	35	71	505	246	31	105	75	48
1993.....	1,415	262	89	37	48	53	35	105	524	252	28	98	97	49
1994.....	1,434	262	89	37	48	53	35	118	527	250	36	100	90	51
1995.....	1,437	263	89	37	49	53	35	102	536	241	36	97	98	64
1996.....	1,343	263	89	37	50	52	35	80	500	235	32	93	82	58
1997.....	1,360	263	89	37	48	54	35	65	516	237	23	99	92	65
1998.....	1,284	265	89	37	50	54	35	39	490	240	19	97	75	59
1999.....	1,286	263	89	37	49	53	35	33	495	252	25	90	74	54
2000.....	1,308	264	89	37	49	52	37	56	494	244	19	89	83	59
"Other S&E"														
1971.....	1,951	255	89	37	50	50	29	224	736	317	43	126	180	70
1972.....	2,136	258	89	37	51	51	30	266	806	330	55	124	208	89
1973.....	1,839	256	89	37	50	52	28	205	689	295	43	117	170	64
1974.....	1,585	259	89	37	51	49	33	124	601	272	38	103	137	51
1975.....	1,476	250	89	37	48	47	29	118	554	264	37	93	122	38
1976.....	1,131	248	89	37	46	49	27	69	407	204	27	74	75	27
1977.....	1,185	251	89	37	47	48	30	96	419	211	28	71	80	29
1978.....	1,205	249	89	37	47	46	30	68	444	228	29	81	76	30
1979.....	1,198	252	89	36	48	48	31	72	437	229	28	78	73	29
1980.....	1,077	245	89	36	45	45	30	52	390	199	25	64	75	27
1981.....	1,106	243	89	37	44	43	30	67	398	202	25	69	83	19
1982.....	639	232	89	37	39	37	30	31	188	110	10	15	36	17
1983.....	586	231	89	37	37	40	28	29	163	95	10	13	31	14
1984.....	635	231	89	37	38	37	30	28	188	115	11	12	36	14
1985.....	870	222	89	37	31	37	28	24	312	155	20	66	49	22
1986.....	854	225	89	37	33	37	29	23	303	144	20	56	62	21
1987.....	1,273	247	89	37	46	45	30	96	465	227	28	80	98	32
1988.....	1,310	252	89	37	48	48	30	112	473	243	25	74	97	34
1989.....	1,357	251	89	37	46	49	30	154	476	240	30	77	91	38

See explanatory information and SOURCE at end of table.

Appendix table 1. Number of academic institutions with Federal S&E support, by type of support and 1994 Carnegie code: FY 1971–2000

Fiscal year	All institutions	Research, doctorate-granting, and medical						2YR	All other institutions					
		Total	R1	R2	D1	D2	MED		Total	C1	C2	LA1	LA2	Other
1990.....	1,274	256	89	37	49	51	30	90	464	230	34	77	85	38
1991.....	1,504	256	89	37	47	53	30	112	568	277	32	97	114	48
1992.....	1,599	257	89	37	47	54	30	150	596	278	41	110	117	50
1993.....	1,322	255	89	37	44	52	33	99	484	254	29	89	77	35
1994.....	1,341	255	89	37	46	49	34	118	484	250	31	76	80	47
1995.....	1,368	257	89	37	46	52	33	99	506	265	26	74	88	53
1996.....	1,306	257	89	37	45	52	34	99	475	247	33	51	82	62
1997.....	1,457	254	89	36	45	51	33	135	534	270	36	70	92	66
1998.....	1,367	257	89	37	45	53	33	126	492	247	29	68	84	64
1999.....	1,400	254	89	37	45	51	32	130	508	266	27	53	90	72
2000.....	1,257	252	89	37	44	51	31	99	453	219	36	54	75	69

KEY: R1 = research 1 universities; R2 = research 2 universities 2; D1 = doctorate-granting 1 institutions; D2 = doctorate-granting 2 institutions; MED = free standing medical schools; 2YR = 2-year institutions; C1 = master's or comprehensive universities and colleges 1; C2 = master's or comprehensive universities 2; LA1 = baccalaureate or liberal arts colleges 1; LA2 = baccalaureate colleges 2; other = professional schools and other specialized institutions and any unclassified institutions

NOTES: S&E support includes both R&D support and "other S&E support." R&D support includes support for both R&D and R&D plant. "Other S&E support" includes support for facilities and equipment for S&E instruction; fellowships, traineeships, and training grants; general support for S&E; and other S&E activities. See appendix A for definition of Carnegie classifications.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, as reported in WebCASPAR data system (<<http://www.nsf.gov/sbe/srs/stats.htm>>).

Appendix table 2. **Percentage of academic institutions with Federal S&E support receiving R&D support, by funding agency: FY 1971–2000**

Fiscal year	All Federal	HHS	NSF	USDA	DOD	DOE	EPA	NASA
1971.....	45	67	34	95	100	91	77	99
1972.....	45	65	35	98	100	88	79	98
1973.....	45	62	41	97	100	83	77	99
1974.....	52	63	39	99	100	99	77	97
1975.....	56	79	49	99	100	95	79	97
1976.....	68	73	57	100	100	98	76	96
1977.....	68	75	59	100	100	98	91	97
1978.....	72	80	59	99	100	98	78	97
1979.....	71	81	59	98	100	87	84	98
1980.....	77	85	65	99	100	99	83	97
1981.....	71	85	58	99	94	81	88	98
1982.....	86	86	92	99	96	87	81	97
1983.....	89	86	97	99	96	98	72	95
1984.....	87	83	93	99	97	97	72	96
1985.....	84	84	85	98	99	97	70	97
1986.....	82	88	80	98	99	94	72	96
1987.....	74	76	79	99	88	95	78	97
1988.....	69	88	78	98	94	94	83	95
1989.....	68	87	78	99	93	93	73	98
1990.....	74	86	79	96	99	92	80	96
1991.....	70	86	79	96	96	91	81	93
1992.....	71	87	81	86	93	99	77	93
1993.....	79	80	79	86	91	90	94	93
1994.....	79	77	82	87	95	89	94	95
1995.....	80	79	85	89	95	89	83	92
1996.....	78	79	83	75	94	95	86	91
1997.....	74	79	73	76	97	98	87	90
1998.....	73	79	74	79	96	97	78	91
1999.....	72	79	78	79	97	97	82	92
2000.....	78	86	78	85	97	100	80	90

KEY: HHS = Department of Health and Human Services; NSF = National Science Foundation; USDA = Department of Agriculture; DOD = Department of Defense; DOE = Department of Energy; EPA = Environmental Protection Agency; NASA = National Aeronautics and Space Administration

NOTES: R&D support includes support for both R&D and R&D plant. S&E support includes both R&D support and "other S&E support" (facilities and equipment for S&E instruction; fellowships, traineeships, and training grants; general support for S&E; and other S&E activities).

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, as reported in WebCASPAR data system (<<http://www.nsf.gov/sbe/srs/stats.htm>>).

Appendix table 3. Total number of academic institutions receiving Federal S&E support in FY 1971 to 2000, by number of years supported during the period, type of support, and selected 1994 Carnegie classification

Years supported	Total	R1	R2	D1	D2	MED	2YR	C1	C2	LA1	LA2	Other
Total S&E												
1.....	327	0	0	1	0	2	175	5	2	4	51	87
2.....	191	0	0	0	0	2	102	7	5	1	35	39
3.....	192	0	0	0	0	1	105	1	3	0	42	40
4.....	144	0	0	0	1	0	76	7	4	4	24	28
5.....	124	0	0	0	0	0	67	13	5	1	22	16
6.....	119	0	0	0	1	1	54	11	6	4	26	16
7.....	111	0	0	1	0	0	53	11	4	1	21	20
8.....	71	0	0	0	0	0	35	11	2	5	10	8
9.....	58	0	0	0	0	0	19	6	2	4	19	8
10.....	62	0	0	0	0	1	27	9	1	7	11	6
11.....	56	0	0	0	0	0	21	8	7	2	12	6
12.....	41	0	0	0	0	0	12	8	2	5	5	9
13.....	58	0	0	0	0	0	15	16	6	4	12	5
14.....	27	0	0	0	0	1	4	8	1	1	9	3
15.....	42	0	0	0	0	0	4	15	2	4	13	4
16.....	35	0	0	0	0	0	6	8	1	7	10	3
17.....	31	0	0	1	0	0	5	8	5	8	3	1
18.....	32	0	0	0	0	3	0	10	3	5	8	3
19.....	30	0	0	0	0	1	4	11	0	6	8	0
20.....	46	0	0	0	1	0	5	22	2	7	8	1
21.....	25	0	0	0	0	1	2	11	2	6	3	0
22.....	28	0	0	0	0	0	4	11	2	7	3	1
23.....	24	0	0	0	1	1	1	11	3	2	4	1
24.....	36	0	0	1	0	1	2	16	2	7	7	0
25.....	25	0	0	0	0	0	1	15	1	4	4	0
26.....	20	0	0	1	0	0	0	11	1	4	1	2
27.....	30	0	0	1	1	2	0	17	1	4	2	2
28.....	32	0	0	1	2	0	1	16	0	8	3	1
29.....	49	0	0	3	4	2	0	26	2	7	2	3
30.....	385	89	37	42	44	23	0	90	7	30	15	8
Any support.....	2451	89	37	52	55	42	800	419	84	159	393	321
R&D												
1.....	416	0	0	0	0	1	219	25	12	3	68	88
2.....	192	0	0	0	1	3	99	15	4	3	35	32
3.....	142	0	0	0	0	0	60	9	5	8	39	21
4.....	113	0	0	0	0	0	40	16	5	9	27	16
5.....	83	0	0	1	0	1	23	19	7	6	19	7
6.....	62	0	0	1	0	0	18	17	2	5	12	7
7.....	50	0	0	0	0	1	10	13	2	4	13	7
8.....	26	0	0	0	0	0	3	9	4	4	5	1
9.....	38	0	0	0	0	0	5	14	0	4	11	4
10.....	43	0	0	0	0	0	2	10	3	6	12	10
11.....	35	0	0	0	0	0	2	13	1	8	6	5
12.....	35	0	0	0	0	0	2	22	1	5	2	3

See explanatory information and SOURCE at end of table.

Appendix table 3. Total number of academic institutions receiving Federal S&E support in FY 1971 to 2000, by number of years supported during the period, type of support, and selected 1994 Carnegie classification

Years supported	Total	R1	R2	D1	D2	MED	2YR	C1	C2	LA1	LA2	Other
13.....	20	0	0	0	0	0	1	2	4	5	6	2
14.....	21	0	0	0	0	1	1	11	1	4	2	1
15.....	15	0	0	0	0	0	2	6	0	5	1	1
16.....	26	0	0	0	1	1	0	14	1	6	3	0
17.....	27	0	0	0	0	1	1	11	3	4	4	3
18.....	20	0	0	0	0	2	0	9	0	3	4	2
19.....	13	0	0	1	0	0	0	6	0	2	4	0
20.....	15	0	0	0	0	0	1	11	0	1	2	0
21.....	27	0	0	1	1	2	0	10	2	4	6	1
22.....	20	0	0	1	0	0	1	13	0	4	0	1
23.....	17	0	0	0	3	1	0	9	0	4	0	0
24.....	9	0	0	0	0	0	0	6	0	1	1	1
25.....	17	0	0	0	0	0	0	11	1	3	1	1
26.....	18	0	0	0	1	0	0	9	1	4	1	2
27.....	28	0	0	3	2	3	1	11	1	5	1	1
28.....	16	0	0	0	1	0	0	7	2	3	1	2
29.....	27	0	0	3	5	2	0	9	1	6	1	0
30.....	313	89	37	40	39	22	0	54	4	19	3	6
Any support.....	1,884	89	37	51	54	41	491	391	67	148	290	225
"Other S&E"												
1.....	315	0	0	1	0	2	177	6	3	5	55	66
2.....	213	0	0	0	0	0	120	8	7	1	39	38
3.....	171	0	0	0	0	1	90	6	1	5	37	31
4.....	176	0	0	1	1	1	87	15	9	5	34	23
5.....	146	0	0	0	1	0	65	20	5	5	35	15
6.....	96	0	0	1	0	2	37	10	7	11	20	8
7.....	102	0	0	0	0	0	37	24	5	7	13	16
8.....	69	0	0	0	0	0	28	12	4	4	14	7
9.....	62	0	0	0	0	0	16	9	4	6	17	10
10.....	68	0	0	0	0	0	21	13	5	8	15	6
11.....	59	0	0	0	0	1	11	17	6	10	9	5
12.....	41	0	0	0	1	0	8	9	3	10	9	1
13.....	51	0	0	0	0	0	7	23	2	5	9	5
14.....	25	0	0	2	0	0	3	7	1	4	5	3
15.....	37	0	0	0	0	0	4	15	2	8	7	1
16.....	33	0	0	0	0	0	2	16	2	8	5	0
17.....	30	0	0	1	1	2	2	12	4	5	3	0
18.....	31	0	0	0	0	1	4	13	0	6	6	1
19.....	25	0	0	0	1	0	2	15	2	4	1	0
20.....	34	0	0	0	1	0	1	16	0	7	6	3
21.....	21	0	0	1	1	2	1	11	0	2	3	0
22.....	25	0	0	0	2	0	1	12	1	6	2	1
23.....	30	0	0	1	4	1	1	13	1	5	3	1
24.....	24	0	0	0	1	0	1	14	1	5	1	1
25.....	34	0	0	5	3	0	0	14	1	7	4	0

See explanatory information and SOURCE at end of table.

Appendix table 3. Total number of academic institutions receiving Federal S&E support in FY 1971 to 2000, by number of years supported during the period, type of support, and selected 1994 Carnegie classification

Years supported	Total	R1	R2	D1	D2	MED	2YR	C1	C2	LA1	LA2	Other
26.....	32	0	0	4	5	1	0	15	0	3	1	3
27.....	35	0	0	5	7	2	0	14	1	4	2	0
28.....	17	0	1	6	0	0	0	7	0	2	1	0
29.....	33	0	1	4	5	4	0	12	1	0	3	3
30.....	235	89	35	20	21	19	0	38	5	1	7	0
Any support.....	2,270	89	37	52	55	39	726	416	83	159	366	248

KEY: R1 = research 1 universities; R2 = research 2 universities 2; D1 = doctorate-granting 1 institutions; D2 = doctorate-granting 2 institutions; MED = free standing medical schools
 2YR = 2-year institutions; C1 = master's or comprehensive universities and colleges 1; C2 = master's or comprehensive universities 2; LA1 = baccalaureate or liberal arts colleges 1;
 LA2 = baccalaureate colleges 2; other = professional schools and other specialized institutions and any unclassified institutions

NOTES: S&E support includes both R&D support and "other S&E support." R&D support includes support for both R&D and R&D plant. "Other S&E support" includes support for facilities and equipment for S&E instruction; fellowships, traineeships, and training grants; general support for S&E; and other S&E activities.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions as reported in WebCASPAR data system (<<http://www.nsf.gov/sbe/srs/stats.htm>>).

Appendix table 4. Percentage share of Federal S&E support to 1994 Carnegie research, doctorate-granting, and medical institutions, by funding agency and type of support: FY 1971–2000

Fiscal year	All agencies	HHS	NSF	USDA	DOD	DOE	EPA	NASA
Total S&E								
1971.....	94.8	98.3	89.2	97.8	92.6	98.6	93.9	97.1
1972.....	94.0	97.8	89.3	93.4	91.4	98.6	91.4	96.7
1973.....	95.1	97.9	92.1	91.9	92.6	98.7	90.3	95.0
1974.....	95.1	97.8	90.8	91.8	90.1	98.7	91.3	95.4
1975.....	95.7	98.4	93.2	92.7	89.7	97.8	90.9	94.4
1976.....	95.6	98.2	92.6	92.9	90.0	97.5	91.9	95.0
1977.....	94.8	98.1	91.6	90.4	87.7	96.9	92.7	93.6
1978.....	95.2	97.9	92.3	90.0	93.8	94.9	93.2	94.1
1979.....	95.2	97.8	92.6	89.9	94.8	94.0	94.1	94.4
1980.....	95.4	97.9	92.7	89.8	94.3	96.7	92.1	94.2
1981.....	95.4	98.1	92.9	90.1	94.8	96.8	90.0	94.8
1982.....	95.9	98.1	95.7	89.7	94.7	97.7	88.8	95.1
1983.....	95.7	98.1	95.4	88.2	94.9	98.1	87.2	94.0
1984.....	95.3	98.1	94.6	88.7	93.9	97.6	88.5	93.8
1985.....	95.9	98.2	94.3	88.9	95.4	98.0	92.6	94.8
1986.....	95.8	97.9	94.3	88.7	95.4	97.6	89.6	94.1
1987.....	95.2	98.0	94.5	88.4	95.4	97.6	90.1	94.2
1988.....	95.3	98.0	93.8	89.0	95.1	96.6	89.1	93.8
1989.....	94.8	98.2	92.6	89.1	92.9	97.0	88.1	94.5
1990.....	94.9	98.2	91.6	88.4	95.4	96.3	85.8	92.5
1991.....	94.2	97.2	91.4	88.8	93.6	95.5	86.2	90.9
1992.....	93.6	96.7	91.3	88.3	93.1	95.8	86.0	88.6
1993.....	93.6	96.7	91.6	88.4	91.5	96.7	86.2	87.4
1994.....	93.4	96.6	90.0	87.9	92.5	95.5	89.2	87.8
1995.....	93.1	96.4	90.4	86.4	92.5	95.6	90.2	85.8
1996.....	93.7	96.9	90.6	86.2	92.7	94.8	91.6	88.1
1997.....	93.4	96.8	89.3	87.3	93.2	95.2	90.0	86.4
1998.....	93.1	96.8	87.0	85.9	93.6	95.9	88.6	88.9
1999.....	92.9	96.8	87.8	87.1	93.6	95.4	82.3	88.5
2000.....	93.1	96.8	88.1	86.4	94.1	94.6	87.0	86.6
R&D								
1971.....	96.6	99.0	95.2	97.1	92.6	98.6	94.9	97.1
1972.....	95.8	98.6	94.1	89.1	91.4	98.7	91.8	96.9
1973.....	96.3	99.0	95.2	87.1	92.6	98.8	91.4	95.4
1974.....	96.1	98.9	94.0	86.6	90.1	98.7	91.7	96.0
1975.....	96.4	98.9	95.8	87.2	89.7	97.8	91.4	94.7
1976.....	96.4	98.9	95.4	87.5	90.0	97.5	92.8	95.8
1977.....	95.9	98.9	95.1	88.2	87.7	97.0	92.8	94.8
1978.....	96.3	98.7	95.8	90.0	93.8	95.0	94.1	95.1
1979.....	96.4	98.6	95.9	90.1	94.8	94.1	94.1	95.4
1980.....	96.5	98.7	95.4	89.8	94.3	97.1	92.9	94.9
1981.....	96.5	98.9	95.4	90.4	95.1	98.0	90.2	95.1
1982.....	96.6	98.9	95.7	89.5	94.9	97.9	89.9	95.5
1983.....	96.4	98.9	95.4	87.0	95.3	98.1	88.9	94.3
1984.....	96.1	99.0	95.1	85.9	93.2	97.8	88.8	94.4

See explanatory information and SOURCE at end of table.

Appendix table 4. Percentage share of Federal S&E support to 1994 Carnegie research, doctorate-granting, and medical institutions, by funding agency and type of support: FY 1971–2000

Fiscal year	All agencies	HHS	NSF	USDA	DOD	DOE	EPA	NASA
1985.....	96.5	98.9	94.7	86.9	94.9	98.1	93.6	95.2
1986.....	96.3	98.6	94.6	86.8	95.0	97.7	91.1	94.4
1987.....	96.2	98.7	94.9	86.8	95.3	97.7	90.5	94.9
1988.....	96.6	98.6	94.2	89.6	95.2	96.7	89.8	94.7
1989.....	96.0	98.8	92.9	89.7	92.3	97.1	90.5	95.2
1990.....	96.0	98.8	91.9	89.6	95.0	96.5	85.8	93.9
1991.....	95.4	97.7	92.1	90.2	93.5	95.9	86.3	92.8
1992.....	95.0	97.2	91.5	90.6	92.9	96.0	85.4	94.1
1993.....	94.6	97.0	92.2	90.3	91.0	96.7	86.5	92.6
1994.....	94.6	97.1	89.6	89.8	93.0	95.8	89.3	91.3
1995.....	94.2	97.0	90.6	87.5	92.5	96.5	91.3	88.5
1996.....	94.7	97.5	90.6	86.9	92.6	95.2	91.8	91.4
1997.....	94.9	97.4	92.4	89.6	93.4	95.2	89.6	89.7
1998.....	94.8	97.2	90.3	88.1	93.3	95.9	89.2	92.0
1999.....	94.6	97.4	90.0	88.1	93.6	95.4	81.9	91.1
2000.....	94.8	97.3	90.0	88.1	93.9	94.6	86.7	89.0
"Other S&E"								
1971.....	91.3	97.2	80.7	98.2	NA	98.4	92.1	95.1
1972.....	89.1	95.9	74.5	95.9	NA	96.5	90.2	92.6
1973.....	90.7	94.2	74.6	94.7	NA	96.1	87.9	88.0
1974.....	91.9	94.5	71.0	94.9	NA	98.5	89.9	88.1
1975.....	92.6	95.9	76.9	96.1	NA	93.7	87.7	90.3
1976.....	91.8	93.7	69.6	96.3	NA	96.7	84.9	87.9
1977.....	88.5	92.9	65.7	92.0	NA	88.3	87.3	74.7
1978.....	87.6	92.4	62.1	89.9	NA	81.9	80.5	72.2
1979.....	87.2	90.9	64.0	89.8	NA	92.3	94.1	71.3
1980.....	87.5	91.1	70.5	89.8	NA	83.3	79.6	83.5
1981.....	87.7	91.2	72.5	89.7	87.8	58.0	86.2	88.9
1982.....	90.3	90.4	94.8	89.8	91.2	84.8	69.2	89.4
1983.....	89.8	90.4	96.9	89.3	82.6	98.1	71.6	89.9
1984.....	90.1	89.4	87.5	91.1	98.4	69.5	85.4	83.9
1985.....	91.6	90.9	86.9	90.6	98.2	29.2	72.0	88.4
1986.....	91.7	90.9	87.8	90.6	98.3	41.4	54.9	89.5
1987.....	88.5	89.9	88.7	90.2	96.5	37.1	86.6	82.3
1988.....	87.0	90.3	89.9	88.3	94.3	42.0	64.4	81.6
1989.....	86.9	91.0	89.5	88.4	96.5	56.4	65.9	82.0
1990.....	86.9	91.1	89.3	87.1	99.3	47.1	85.6	76.2
1991.....	86.9	90.7	86.5	87.3	94.1	58.5	86.1	74.0
1992.....	84.3	89.6	89.4	85.4	94.6	85.3	91.6	54.9
1993.....	86.3	91.7	85.9	86.0	94.8	95.6	82.0	60.2
1994.....	85.3	88.9	92.2	85.8	89.2	67.9	87.5	60.7
1995.....	85.7	88.7	89.1	85.1	92.5	65.2	79.4	67.7

See explanatory information and SOURCE at end of table.

Appendix table 4. **Percentage share of Federal S&E support to 1994 Carnegie research, doctorate-granting, and medical institutions, by funding agency and type of support: FY 1971–2000**

Fiscal year	All agencies	HHS	NSF	USDA	DOD	DOE	EPA	NASA
1996.....	86.7	89.3	90.8	85.4	93.5	62.4	89.9	62.5
1997.....	82.0	89.7	68.0	84.4	91.5	93.7	93.9	60.8
1998.....	81.6	91.4	67.9	83.8	95.9	96.2	82.3	70.2
1999.....	81.2	90.4	75.7	86.1	93.8	95.9	86.8	70.1
2000.....	81.1	90.5	74.5	84.5	96.2	NA	90.2	71.6

KEY: HHS = Department of Health and Human Services; NSF = National Science Foundation; USDA = Department of Agriculture; DOD = Department of Defense; DOE = Department of Energy; EPA = Environmental Protection Agency; NASA = National Aeronautics and Space Administration; NA = not applicable because no funds for "other S&E support."

NOTES: S&E support includes both R&D support and "other S&E support." R&D support includes support for both the conduct of R&D and R&D plant. "Other S&E support" includes support for facilities and equipment for S&E instruction; fellowships, traineeships, and training grants; general support for S&E; and other S&E activities.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, as reported in WebCASPAR data system (<<http://www.nsf.gov/sbe/srs/stats.htm>>).

Appendix table 5. Percentage share of Federal S&E support, by type of support and selected 1994 Carnegie code: FY 1971–2000

Fiscal year	All institutions	Research, doctorate-granting, and medical						2YR	All other institutions					
		Total	R1	R2	D1	D2	MED		Total	C1	C2	LA1	LA2	Other
Total S&E														
1971.....	100.0	94.8	77.4	7.6	2.6	2.7	4.6	0.5	4.7	2.3	0.5	0.6	0.3	1.0
1972.....	100.0	94.0	77.0	7.0	2.6	2.6	4.7	0.3	5.7	2.9	0.6	0.6	0.5	1.2
1973.....	100.0	95.1	78.3	7.1	2.2	2.5	4.9	0.2	4.7	2.4	0.7	0.4	0.4	0.9
1974.....	100.0	95.1	78.2	6.6	2.0	2.4	6.0	0.2	4.7	2.3	0.6	0.4	0.4	1.0
1975.....	100.0	95.7	78.1	7.3	1.8	2.6	5.9	0.1	4.2	2.2	0.6	0.2	0.3	0.9
1976.....	100.0	95.6	78.0	7.0	1.8	2.8	6.0	0.2	4.3	2.2	0.6	0.3	0.2	0.9
1977.....	100.0	94.8	77.7	7.0	1.6	2.6	5.9	0.3	4.9	2.7	0.8	0.3	0.3	0.9
1978.....	100.0	95.2	78.2	6.5	1.8	2.9	5.7	0.2	4.6	2.7	0.3	0.3	0.3	1.0
1979.....	100.0	95.2	78.6	6.5	1.6	2.8	5.7	0.3	4.5	2.8	0.2	0.3	0.3	0.8
1980.....	100.0	95.4	79.1	6.4	1.5	2.9	5.5	0.2	4.4	2.7	0.2	0.3	0.4	0.8
1981.....	100.0	95.4	79.8	6.3	1.4	2.6	5.3	0.2	4.4	2.8	0.2	0.2	0.3	0.8
1982.....	100.0	95.9	80.1	6.5	1.4	2.6	5.2	0.1	4.0	2.5	0.2	0.2	0.3	0.9
1983.....	100.0	95.7	80.7	6.5	1.3	2.5	4.8	0.1	4.2	2.6	0.2	0.2	0.3	0.8
1984.....	100.0	95.3	80.1	6.4	1.3	2.6	4.9	0.1	4.6	2.9	0.2	0.2	0.3	1.0
1985.....	100.0	95.9	80.8	6.2	1.5	2.4	5.0	0.1	4.0	2.5	0.2	0.2	0.2	0.7
1986.....	100.0	95.8	80.4	6.1	1.5	2.6	5.1	0.1	4.2	2.6	0.2	0.2	0.2	0.8
1987.....	100.0	95.2	78.8	6.6	1.8	2.7	5.4	0.2	4.5	2.8	0.3	0.2	0.4	0.8
1988.....	100.0	95.3	78.9	6.3	1.6	2.8	5.7	0.2	4.5	2.9	0.2	0.3	0.3	0.8
1989.....	100.0	94.8	78.7	5.9	1.6	2.9	5.7	0.4	4.8	3.0	0.2	0.2	0.3	1.1
1990.....	100.0	94.9	78.3	6.0	1.6	3.3	5.7	0.2	4.9	3.1	0.3	0.3	0.3	0.9
1991.....	100.0	94.2	77.0	6.2	1.8	3.5	5.7	0.2	5.6	3.3	0.2	0.4	0.3	1.4
1992.....	100.0	93.6	76.1	5.8	1.8	3.6	6.2	0.2	6.2	3.4	0.3	0.3	0.3	1.9
1993.....	100.0	93.6	75.9	6.0	1.7	3.8	6.2	0.4	6.1	3.4	0.4	0.3	0.4	1.6
1994.....	100.0	93.4	75.4	6.0	1.7	3.5	6.8	0.4	6.2	3.6	0.4	0.3	0.3	1.6
1995.....	100.0	93.1	75.7	5.8	1.7	3.5	6.4	0.4	6.5	3.7	0.4	0.4	0.4	1.6
1996.....	100.0	93.7	75.9	5.8	1.5	3.4	7.1	0.3	6.0	3.3	0.3	0.3	0.3	1.7
1997.....	100.0	93.4	75.0	5.8	1.6	3.7	7.3	0.3	6.3	3.6	0.3	0.3	0.4	1.8
1998.....	100.0	93.1	74.4	5.8	1.7	3.6	7.6	0.3	6.6	3.4	0.3	0.3	0.3	2.3
1999.....	100.0	92.9	74.2	5.8	1.6	3.7	7.6	0.4	6.7	3.6	0.2	0.3	0.3	2.4
2000.....	100.0	93.1	73.7	5.9	1.6	3.8	8.3	0.4	6.5	3.2	0.2	0.3	0.3	2.5
R&D														
1971.....	100.0	96.6	81.0	6.4	2.1	2.2	4.9	0.1	3.4	1.2	0.5	0.3	0.1	1.1
1972.....	100.0	95.8	80.5	6.1	2.2	2.2	4.9	0.1	4.1	1.7	0.6	0.3	0.2	1.4
1973.....	100.0	96.3	80.9	6.2	1.9	2.0	5.3	0.1	3.7	1.5	0.7	0.3	0.2	1.0
1974.....	100.0	96.1	80.0	5.9	1.8	2.2	6.2	0.1	3.9	1.7	0.6	0.3	0.2	1.1
1975.....	100.0	96.4	79.3	6.5	1.7	2.4	6.4	0.0	3.6	1.7	0.6	0.2	0.2	0.9
1976.....	100.0	96.4	79.4	6.1	1.8	2.5	6.7	0.0	3.6	1.7	0.6	0.2	0.1	0.9
1977.....	100.0	95.9	79.2	6.3	1.6	2.5	6.4	0.1	4.0	1.9	0.8	0.2	0.1	0.9
1978.....	100.0	96.3	79.6	6.0	1.7	2.8	6.2	0.1	3.5	2.0	0.2	0.2	0.2	1.0
1979.....	100.0	96.4	79.9	6.1	1.5	2.7	6.1	0.2	3.4	2.0	0.1	0.2	0.2	0.9
1980.....	100.0	96.5	80.3	6.1	1.5	2.7	5.8	0.0	3.4	2.0	0.2	0.2	0.2	0.9
1981.....	100.0	96.5	81.0	5.9	1.4	2.5	5.7	0.1	3.4	2.0	0.1	0.2	0.2	0.9
1982.....	100.0	96.6	80.9	6.1	1.4	2.6	5.6	0.1	3.3	1.9	0.1	0.2	0.2	0.9
1983.....	100.0	96.4	81.6	6.1	1.3	2.4	5.1	0.1	3.5	2.0	0.2	0.2	0.1	0.9

See explanatory information and SOURCE at end of table.

Appendix table 5. Percentage share of Federal S&E support, by type of support and selected 1994 Carnegie code: FY 1971–2000

Fiscal year	All institutions	Research, doctorate-granting, and medical						2YR	All other institutions					
		Total	R1	R2	D1	D2	MED		Total	C1	C2	LA1	LA2	Other
1984.....	100.0	96.1	80.9	6.0	1.3	2.5	5.3	0.0	3.9	2.2	0.1	0.2	0.1	1.1
1985.....	100.0	96.5	81.3	5.9	1.6	2.4	5.3	0.1	3.4	2.1	0.1	0.2	0.1	0.8
1986.....	100.0	96.3	80.9	5.8	1.6	2.6	5.5	0.0	3.6	2.2	0.2	0.2	0.1	0.9
1987.....	100.0	96.2	79.6	6.4	1.8	2.6	5.8	0.1	3.7	2.2	0.2	0.2	0.2	0.8
1988.....	100.0	96.6	80.0	6.1	1.6	2.8	6.1	0.1	3.4	2.1	0.1	0.2	0.1	0.8
1989.....	100.0	96.0	79.7	5.7	1.5	2.9	6.2	0.1	3.9	2.2	0.1	0.2	0.1	1.2
1990.....	100.0	96.0	79.3	5.7	1.6	3.4	6.1	0.1	3.8	2.3	0.1	0.3	0.1	1.0
1991.....	100.0	95.4	78.1	5.7	1.8	3.4	6.3	0.1	4.5	2.5	0.1	0.3	0.1	1.5
1992.....	100.0	95.0	77.4	5.6	1.8	3.5	6.8	0.1	4.9	2.5	0.1	0.3	0.2	1.8
1993.....	100.0	94.6	76.8	5.8	1.6	3.7	6.7	0.3	5.2	2.9	0.2	0.2	0.2	1.6
1994.....	100.0	94.6	76.5	5.7	1.7	3.4	7.3	0.3	5.1	2.8	0.2	0.3	0.2	1.6
1995.....	100.0	94.2	76.6	5.5	1.7	3.4	6.9	0.4	5.4	2.9	0.2	0.4	0.2	1.8
1996.....	100.0	94.7	76.6	5.5	1.5	3.4	7.7	0.2	5.1	2.6	0.1	0.3	0.2	1.9
1997.....	100.0	94.9	76.4	5.6	1.5	3.7	7.7	0.1	5.0	2.5	0.1	0.3	0.2	1.9
1998.....	100.0	94.8	76.1	5.6	1.5	3.5	8.1	0.1	5.1	2.4	0.1	0.2	0.1	2.3
1999.....	100.0	94.6	76.0	5.5	1.4	3.6	8.1	0.1	5.3	2.6	0.1	0.2	0.2	2.2
2000.....	100.0	94.8	75.1	5.7	1.5	3.7	8.8	0.2	5.1	2.3	0.1	0.2	0.2	2.2
"Other S&E"														
1971.....	100.0	91.3	69.9	10.0	3.6	3.7	4.0	1.4	7.3	4.5	0.4	1.1	0.7	0.7
1972.....	100.0	89.1	67.9	9.5	3.7	3.8	4.2	1.0	9.9	6.2	0.6	1.2	1.4	0.5
1973.....	100.0	90.7	69.3	10.2	3.1	4.4	3.8	0.7	8.5	5.3	0.7	0.9	1.4	0.3
1974.....	100.0	91.9	71.7	8.9	2.5	3.4	5.3	0.5	7.6	4.4	0.7	0.7	1.3	0.4
1975.....	100.0	92.6	72.6	10.7	2.2	3.5	3.6	0.6	6.8	4.1	0.7	0.4	0.9	0.6
1976.....	100.0	91.8	71.2	11.7	2.0	4.1	2.8	0.7	7.4	4.5	0.7	0.6	0.8	0.8
1977.....	100.0	88.5	69.4	10.7	1.9	3.4	3.1	1.1	10.4	6.9	0.8	0.6	1.3	0.8
1978.....	100.0	87.6	69.5	9.4	2.3	3.5	2.9	0.8	11.6	7.7	0.9	0.8	1.4	0.8
1979.....	100.0	87.2	69.6	9.2	1.8	3.6	3.0	1.1	11.8	8.3	0.9	0.7	1.4	0.5
1980.....	100.0	87.5	70.7	8.6	1.4	3.9	3.0	1.2	11.3	7.8	0.7	0.5	1.8	0.4
1981.....	100.0	87.7	70.9	9.3	1.3	3.3	2.9	0.6	11.7	8.7	0.8	0.4	1.5	0.3
1982.....	100.0	90.3	73.4	9.4	1.5	3.2	2.7	0.4	9.4	7.0	0.7	0.1	1.1	0.5
1983.....	100.0	89.8	73.1	9.7	0.9	3.3	2.8	0.4	9.8	7.2	0.9	0.1	1.3	0.4
1984.....	100.0	90.1	74.7	9.5	0.7	2.9	2.2	0.4	9.5	7.3	0.7	0.1	1.1	0.3
1985.....	100.0	91.6	77.2	8.3	0.7	2.8	2.6	0.3	8.1	5.7	0.7	0.3	1.1	0.4
1986.....	100.0	91.7	76.8	8.4	1.0	2.7	2.7	0.3	8.0	5.7	0.7	0.2	1.2	0.3
1987.....	100.0	88.5	72.9	7.7	2.0	3.3	2.5	1.0	10.5	7.3	0.8	0.4	1.6	0.4
1988.....	100.0	87.0	71.5	7.8	2.0	3.2	2.5	1.0	11.9	8.5	0.8	0.5	1.6	0.4
1989.....	100.0	86.9	71.6	7.8	1.7	3.2	2.7	1.9	11.2	7.9	0.9	0.5	1.5	0.5
1990.....	100.0	86.9	71.1	8.5	1.4	3.1	2.8	0.9	12.2	8.6	1.2	0.6	1.4	0.4
1991.....	100.0	86.9	70.3	9.0	1.8	3.6	2.1	1.0	12.1	8.1	0.9	0.9	1.5	0.7
1992.....	100.0	84.3	68.0	7.5	2.2	4.5	2.1	1.2	14.5	8.9	1.1	0.7	1.4	2.3
1993.....	100.0	86.3	69.4	7.3	2.4	4.6	2.6	0.8	12.8	7.3	1.7	0.7	1.4	1.7
1994.....	100.0	85.3	67.8	8.5	1.9	4.0	3.1	0.9	13.8	9.3	1.4	0.6	1.1	1.4
1995.....	100.0	85.7	69.6	7.3	1.7	4.0	3.1	0.9	13.4	9.1	1.5	0.7	1.3	0.8

See explanatory information and SOURCE at end of table.

Appendix table 5. **Percentage share of Federal S&E support, by type of support and selected 1994 Carnegie code: FY 1971–2000**

Fiscal year	All institutions	Research, doctorate-granting, and medical						2YR	All other institutions					
		Total	R1	R2	D1	D2	MED		Total	C1	C2	LA1	LA2	Other
1996.....	100.0	86.7	70.6	7.4	1.6	3.7	3.3	0.9	12.4	8.5	1.7	0.3	1.2	0.7
1997.....	100.0	82.0	65.0	7.2	2.2	4.0	3.6	1.9	16.0	11.2	1.4	0.7	1.6	1.1
1998.....	100.0	81.6	63.0	7.2	2.8	4.6	4.0	1.8	16.6	10.2	1.5	0.7	1.3	2.8
1999.....	100.0	81.2	62.0	7.4	2.8	4.7	4.2	2.1	16.7	10.5	1.0	0.6	1.2	3.4
2000.....	100.0	81.1	62.9	7.2	2.3	4.5	4.1	1.6	17.3	9.7	1.2	0.5	1.4	4.4

KEY: R1 = research 1 universities; R2 = research 2 universities 2; D1 = doctorate-granting 1 institutions; D2 = doctorate-granting 2 institutions; MED = free standing medical schools; 2YR = 2-year institutions; C1 = master's or comprehensive universities and colleges 1; C2 = master's or comprehensive universities 2; LA1 = baccalaureate or liberal arts colleges 1; LA2 = baccalaureate colleges 2; other = professional schools and other specialized institutions and any unclassified institutions

NOTES: S&E support includes both R&D support and "other S&E support." R&D support includes support for both R&D and R&D plant. "Other S&E support" includes support for facilities and equipment for S&E instruction; fellowships, traineeships, and training grants; general support for S&E; and other S&E activities.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, as reported in WebCASPAR data system (<<http://www.nsf.gov/sbe/srs/stats.htm>>).

Appendix table 6. Percentage share of Federal S&E support to academic institutions going to R&D activities, by funding agency: FY 1971–2000

Fiscal Year	All agencies	HHS	NSF	USDA	DOD	DOE	EPA	NASA
1971.....	67	66	58	35	100	95	63	96
1972.....	73	71	75	37	100	95	76	95
1973.....	78	76	85	37	100	94	67	95
1974.....	77	75	86	37	100	99	78	93
1975.....	82	84	86	38	100	99	87	93
1976.....	83	86	89	38	100	100	89	90
1977.....	85	87	88	41	100	98	97	94
1978.....	86	88	89	45	100	99	94	96
1979.....	87	89	90	46	100	97	91	95
1980.....	88	89	89	48	100	97	94	94
1981.....	88	89	89	49	97	97	95	95
1982.....	89	91	95	48	95	99	95	95
1983.....	89	91	96	50	97	98	90	94
1984.....	87	91	94	47	87	99	91	94
1985.....	88	90	95	47	86	100	95	95
1986.....	88	91	95	48	87	100	96	94
1987.....	87	92	93	54	86	100	90	95
1988.....	87	92	91	52	87	100	97	94
1989.....	87	92	91	51	86	100	90	95
1990.....	87	92	91	52	89	100	93	92
1991.....	86	92	88	54	87	99	90	90
1992.....	87	93	91	56	87	99	90	86
1993.....	88	93	90	55	87	98	93	84
1994.....	87	93	88	54	85	99	93	89
1995.....	87	93	88	54	87	97	90	87
1996.....	87	93	86	51	90	99	87	89
1997.....	88	93	87	56	89	99	91	89
1998.....	87	93	86	49	90	99	91	86
1999.....	87	92	84	53	94	99	91	88
2000.....	88	93	88	52	91	100	90	86

KEY: HHS = Department of Health and Human Services; NSF = National Science Foundation; USDA = Department of Agriculture; DOD = Department of Defense; DOE = Department of Energy; EPA = Environmental Protection Agency; NASA = National Aeronautics and Space Administration.

NOTES: R&D support includes support for both the conduct of R&D and R&D plant. S&E support includes both R&D support and "other S&E support" (facilities and equipment for S&E instruction; fellowships, traineeships, and training grants; general support for S&E; and other S&E activities).

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, as reported in WebCASPAR data system (<<http://www.nsf.gov/sbe/srs/stats.htm>>).

Appendix table 7. Federal S&E support to academic institutions, by funding agency and type of support: FY 1971–2000

(Millions of constant 1996 dollars)

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Fiscal year	All agencies	HHS	NSF	USDA	DOD	DOE	EPA	NASA
Total S&E								
1971.....	7,831	3,480	1,296	717	832	354	91	448
1972.....	8,299	3,916	1,464	762	779	304	74	380
1973.....	7,534	3,574	1,283	785	712	294	85	340
1974.....	7,811	4,250	1,283	744	526	284	88	282
1975.....	7,256	3,730	1,268	752	493	321	100	279
1976.....	7,149	3,639	1,199	794	512	348	80	287
1977.....	7,529	3,739	1,271	771	600	468	104	272
1978.....	8,332	3,920	1,277	823	951	562	121	274
1979.....	8,700	4,206	1,306	822	1,028	533	130	280
1980.....	8,557	4,074	1,297	793	993	553	146	306
1981.....	8,243	3,848	1,132	800	1,182	505	110	299
1982.....	7,881	3,550	1,108	806	1,304	439	128	269
1983.....	8,280	3,793	1,164	825	1,370	466	73	297
1984.....	8,867	4,123	1,315	854	1,342	490	73	304
1985.....	9,876	4,681	1,468	888	1,444	615	89	342
1986.....	9,875	4,697	1,404	825	1,603	559	94	359
1987.....	11,080	5,423	1,384	872	1,653	615	96	401
1988.....	11,443	5,616	1,381	929	1,725	672	83	456
1989.....	12,155	5,924	1,613	870	1,792	683	103	558
1990.....	12,168	6,039	1,680	886	1,560	647	109	596
1991.....	13,319	6,509	1,838	970	1,723	741	130	667
1992.....	13,994	6,845	1,996	1,034	1,647	770	164	750
1993.....	13,664	6,487	1,991	1,010	1,954	785	163	779
1994.....	14,451	7,263	2,129	985	1,970	663	151	778
1995.....	14,750	7,259	2,256	972	1,889	650	168	849
1996.....	14,450	7,429	2,206	876	1,786	656	103	771
1997.....	14,807	7,785	2,206	962	1,680	635	160	809
1998.....	15,566	8,365	2,371	839	1,655	612	192	894
1999.....	17,241	9,396	2,577	903	1,720	622	171	992
2000.....	18,596	10,589	2,641	1,011	1,878	651	139	950
R&D								
1971.....	5,285	2,288	757	250	832	336	57	430
1972.....	6,034	2,781	1,101	283	779	290	57	361
1973.....	5,852	2,732	1,088	287	712	278	57	323
1974.....	6,034	3,194	1,102	276	526	282	69	263
1975.....	5,924	3,128	1,092	286	493	319	87	259
1976.....	5,930	3,122	1,069	300	512	347	71	258
1977.....	6,379	3,247	1,120	320	600	460	101	255
1978.....	7,197	3,439	1,141	369	951	556	113	262
1979.....	7,597	3,757	1,172	377	1,028	516	119	267
1980.....	7,498	3,626	1,155	378	993	536	137	288
1981.....	7,227	3,443	1,012	393	1,142	491	105	283
1982.....	6,978	3,220	1,057	390	1,239	432	121	256
1983.....	7,378	3,442	1,118	413	1,331	457	66	278

See explanatory information and SOURCE at end of table.

Appendix table 7. Federal S&E support to academic institutions, by funding agency and type of support: FY 1971–2000

(Millions of constant 1996 dollars)

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Fiscal year	All agencies	HHS	NSF	USDA	DOD	DOE	EPA	NASA
1984.....	7,729	3,769	1,236	397	1,164	487	67	287
1985.....	8,654	4,232	1,396	422	1,237	613	84	323
1986.....	8,721	4,273	1,330	398	1,402	558	90	338
1987.....	9,662	4,963	1,288	467	1,421	614	87	381
1988.....	9,922	5,168	1,258	487	1,495	671	80	427
1989.....	10,570	5,464	1,464	443	1,542	682	93	528
1990.....	10,643	5,562	1,526	458	1,391	644	101	551
1991.....	11,471	6,019	1,620	523	1,498	733	117	602
1992.....	12,139	6,399	1,820	575	1,434	760	148	645
1993.....	12,014	6,058	1,788	557	1,691	770	152	654
1994.....	12,625	6,771	1,870	535	1,670	655	140	688
1995.....	12,773	6,736	1,989	523	1,649	631	152	740
1996.....	12,594	6,897	1,898	446	1,603	649	90	684
1997.....	13,041	7,239	1,925	535	1,502	629	145	716
1998.....	13,573	7,751	2,027	415	1,497	603	174	765
1999.....	15,030	8,690	2,175	479	1,611	613	155	868
2000.....	16,397	9,853	2,315	527	1,714	651	124	816
"Other S&E"								
1971.....	2,546	1,192	538	467	0	17	34	18
1972.....	2,264	1,135	364	479	0	14	18	19
1973.....	1,682	842	195	498	0	16	28	18
1974.....	1,777	1,056	181	468	0	2	19	20
1975.....	1,332	602	177	466	0	2	13	20
1976.....	1,219	517	130	494	0	1	9	29
1977.....	1,150	493	152	452	0	8	3	16
1978.....	1,135	481	136	455	0	6	7	12
1979.....	1,103	449	134	445	0	16	11	13
1980.....	1,058	449	143	415	0	17	8	17
1981.....	1,016	405	120	407	40	15	5	15
1982.....	904	330	51	416	66	6	7	14
1983.....	902	350	47	412	39	9	7	19
1984.....	1,138	354	79	457	178	3	6	18
1985.....	1,222	449	72	466	207	1	4	18
1986.....	1,154	425	74	427	201	1	4	21
1987.....	1,418	460	96	405	232	1	9	20
1988.....	1,520	448	123	441	229	1	3	30
1989.....	1,586	461	148	428	251	1	10	30
1990.....	1,525	477	155	427	169	2	8	46
1991.....	1,848	491	218	448	226	8	13	65
1992.....	1,855	446	177	459	213	10	16	106
1993.....	1,650	429	202	453	263	15	11	125
1994.....	1,826	491	260	450	300	8	10	89
1995.....	1,978	523	267	448	240	19	16	109

See explanatory information and SOURCE at end of table.

Appendix table 7. **Federal S&E support to academic institutions, by funding agency and type of support: FY 1971–2000**

(Millions of constant 1996 dollars)

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Fiscal year	All agencies	HHS	NSF	USDA	DOD	DOE	EPA	NASA
1996.....	1,856	532	308	430	183	7	14	87
1997.....	1,766	546	280	427	178	6	15	93
1998.....	1,993	615	344	424	158	9	18	129
1999.....	2,211	706	402	425	109	9	15	124
2000.....	2,199	735	326	484	164	0	14	135

KEY: HHS = Department of Health and Human Services; NSF = National Science Foundation; USDA = Department of Agriculture; DOD = Department of Defense; DOE = Department of Energy; EPA = Environmental Protection Agency; NASA = National Aeronautics and Space Administration

NOTES: S&E support includes both R&D support and "other S&E support." R&D support includes support for both R&D and R&D plant. "Other S&E support" includes support for facilities and equipment for S&E instruction; fellowships, traineeships, and training grants; general support for S&E; and other S&E activities.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, as reported in WebCASPAR data system (<<http://www.nsf.gov/sbe/srs/stats.htm>>).

Appendix table 8. Federal S&E support to academic institutions, by type of support: FY 1971–2000

(Millions of constant 1996 dollars)

Fiscal year	Total S&E	R&D			Other S&E support				
		Total R&D	Conduct of R&D	R&D plant	Total "Other S&E support"	Facilities and equipment for S&E instruction	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
1971.....	7,831	5,285	5,185	100	2,546	96	1,407	333	710
1972.....	8,299	6,034	5,917	118	2,264	84	1,238	266	676
1973.....	7,534	5,852	5,719	132	1,682	41	878	119	644
1974.....	7,811	6,034	5,951	83	1,777	10	932	248	587
1975.....	7,256	5,924	5,809	116	1,332	13	520	120	678
1976.....	7,149	5,930	5,872	58	1,219	8	422	180	609
1977.....	7,529	6,379	6,297	82	1,150	7	415	171	557
1978.....	8,332	7,197	7,125	72	1,135	10	433	156	535
1979.....	8,700	7,597	7,535	62	1,103	13	398	180	511
1980.....	8,557	7,498	7,431	67	1,058	7	375	163	513
1981.....	8,243	7,227	7,182	45	1,016	7	334	151	523
1982.....	7,881	6,978	6,930	47	904	1	269	122	512
1983.....	8,280	7,378	7,323	55	902	4	276	138	484
1984.....	8,867	7,729	7,659	70	1,138	3	274	158	703
1985.....	9,876	8,654	8,499	155	1,222	7	344	162	708
1986.....	9,875	8,721	8,580	141	1,154	7	327	148	672
1987.....	11,080	9,662	9,365	297	1,418	18	376	306	717
1988.....	11,443	9,922	9,668	254	1,520	17	387	215	901
1989.....	12,155	10,570	10,284	286	1,586	20	411	238	916
1990.....	12,168	10,643	10,478	165	1,525	22	458	167	878
1991.....	13,319	11,471	11,288	183	1,848	37	525	216	1,071
1992.....	13,994	12,139	11,911	228	1,855	42	557	175	1,081
1993.....	13,664	12,014	11,738	276	1,650	35	560	71	984
1994.....	14,451	12,625	12,399	226	1,826	51	660	142	973
1995.....	14,750	12,773	12,424	348	1,978	53	688	269	968
1996.....	14,450	12,594	12,346	248	1,856	49	636	219	952
1997.....	14,807	13,041	12,770	271	1,766	29	664	168	906
1998.....	15,566	13,573	13,422	151	1,993	22	732	230	1,008
1999.....	17,241	15,030	14,865	165	2,211	45	806	300	1,060
2000.....	18,596	16,397	16,166	232	2,199	58	732	304	1,104

NOTE: S&E includes R&D support (both the conduct of R&D and R&D plant) and "other S&E support" (facilities and equipment for S&E instruction; fellowships, traineeships, and training grants; general support for S&E; and other S&E activities).

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, as reported in WebCASPARE data system (<<http://www.nsf.gov/sbe/srs/stats.htm>>).

Appendix table 9. Number of academic institutions receiving Federal S&E support, by funding agency and type of support: FY 1971–2000

Fiscal year	All agencies	HHS	NSF	USDA	DOD	DOE	EPA	NASA
Total S&E								
1971.....	1,248	499	898	103	237	191	177	217
1972.....	1,378	580	940	114	248	184	169	222
1973.....	1,199	549	824	109	241	187	181	217
1974.....	1,043	566	872	125	236	188	202	243
1975.....	1,004	443	684	130	236	207	205	271
1976.....	840	490	625	128	231	188	196	250
1977.....	912	456	713	143	229	195	185	253
1978.....	940	486	748	172	240	217	222	247
1979.....	928	504	737	177	239	253	217	252
1980.....	890	476	711	195	250	231	219	275
1981.....	869	474	655	185	272	239	179	269
1982.....	680	435	395	176	272	232	214	259
1983.....	674	431	396	172	259	193	201	260
1984.....	694	424	434	175	256	220	210	263
1985.....	770	437	561	183	252	234	223	269
1986.....	794	483	560	179	244	242	217	262
1987.....	1,031	556	592	179	278	237	219	289
1988.....	994	489	633	182	267	252	178	285
1989.....	1,048	459	682	159	290	255	212	291
1990.....	1,005	469	705	182	266	268	209	301
1991.....	1,111	473	730	220	316	276	235	320
1992.....	1,188	490	774	292	320	293	270	351
1993.....	1,122	526	766	316	340	292	206	363
1994.....	1,141	558	834	306	352	286	206	374
1995.....	1,131	577	792	289	342	255	244	396
1996.....	1,087	540	756	278	361	270	190	380
1997.....	1,143	559	797	327	360	252	201	416
1998.....	1,082	565	724	286	359	259	218	371
1999.....	1,092	584	668	296	344	263	192	388
2000.....	1,046	544	683	288	341	259	201	377
R&D								
1971.....	563	335	309	98	237	174	137	214
1972.....	617	377	326	112	248	161	134	217
1973.....	534	341	340	106	241	155	140	214
1974.....	547	356	340	124	236	187	156	236
1975.....	558	351	334	129	236	196	162	263
1976.....	572	357	357	128	231	185	148	240
1977.....	617	344	419	143	229	191	168	246
1978.....	674	387	442	171	240	213	173	240
1979.....	663	408	437	174	239	219	182	246
1980.....	683	406	460	193	250	229	182	268
1981.....	619	402	383	183	257	194	158	263
1982.....	586	373	365	175	261	201	174	252
1983.....	600	369	385	171	249	190	145	248
1984.....	602	354	404	173	248	214	152	252

See explanatory information and SOURCE at end of table.

Appendix table 9. Number of academic institutions receiving Federal S&E support, by funding agency and type of support: FY 1971–2000

Fiscal year	All agencies	HHS	NSF	USDA	DOD	DOE	EPA	NASA
1985.....	646	368	478	179	249	227	157	260
1986.....	650	423	450	176	242	228	157	251
1987.....	764	424	467	177	246	224	170	280
1988.....	685	429	491	178	250	237	148	272
1989.....	716	398	531	157	269	238	155	284
1990.....	748	405	558	175	263	247	167	289
1991.....	777	406	574	211	302	250	190	299
1992.....	839	427	624	250	299	291	208	325
1993.....	891	421	608	273	311	264	193	336
1994.....	907	427	686	267	336	255	194	354
1995.....	901	454	672	256	324	226	203	365
1996.....	843	425	629	209	340	257	163	347
1997.....	844	441	578	249	348	248	174	376
1998.....	794	447	534	225	346	251	171	338
1999.....	791	460	523	234	333	255	157	357
2000.....	814	469	535	246	331	259	161	341
"Other S&E"								
1971.....	1,215	419	882	60	0	94	112	50
1972.....	1,330	475	923	73	0	100	91	43
1973.....	1,150	460	784	71	0	106	111	46
1974.....	984	464	833	71	0	38	112	57
1975.....	922	326	625	71	0	51	121	74
1976.....	724	376	531	71	0	13	112	55
1977.....	766	352	614	71	0	29	44	55
1978.....	761	357	627	71	0	25	120	54
1979.....	761	358	620	75	0	103	102	55
1980.....	687	321	582	73	0	44	106	81
1981.....	708	318	571	75	83	105	66	84
1982.....	451	294	229	77	97	90	102	77
1983.....	423	298	185	76	75	17	107	89
1984.....	447	295	212	77	68	16	106	99
1985.....	558	305	326	89	49	14	115	102
1986.....	551	304	321	87	53	28	112	117
1987.....	808	399	357	82	104	26	89	116
1988.....	837	313	377	87	85	31	61	148
1989.....	881	317	444	81	86	38	117	141
1990.....	810	328	434	85	74	43	95	145
1991.....	936	329	511	92	100	51	121	175
1992.....	1,003	328	508	138	110	6	131	194
1993.....	838	399	519	145	117	49	38	196
1994.....	857	431	514	143	143	76	36	198
1995.....	862	429	481	141	139	80	124	222

See explanatory information and SOURCE at end of table.

Appendix table 9. **Number of academic institutions receiving Federal S&E support, by funding agency and type of support: FY 1971–2000**

Fiscal year	All agencies	HHS	NSF	USDA	DOD	DOE	EPA	NASA
1985.....	646	368	478	179	249	227	157	260
1996.....	831	403	485	170	162	30	104	207
1997.....	923	409	563	178	135	18	115	242
1998.....	875	418	532	157	125	22	134	212
1999.....	892	430	462	161	145	24	117	215
2000.....	804	372	457	150	145	0	126	225

KEY: HHS = Department of Health and Human Services; NSF = National Science Foundation; USDA = Department of Agriculture; DOD = Department of Defense; DOE = Department of Energy; EPA = Environmental Protection Agency; NASA = National Aeronautics and Space Administration

NOTES: S&E support includes both R&D support and "other S&E support." R&D support includes support for both R&D and R&D plant. "Other S&E support" includes support for facilities and equipment for S&E instruction; fellowships, traineeships, and training grants; general support for S&E; and other S&E activities.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, as reported in WebCASPAR data system (<<http://www.nsf.gov/sbe/srs/stats.htm>>).

Appendix table 10. NSF and HHS "other S&E support," by type of support: FY 1971–2000

(Millions of 1996 constant dollars)

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Fiscal year	Total Other S&E support	Facilities and equipment for S&E instruction	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
NSF					
1971.....	538	40	141	190	167
1972.....	364	10	92	111	152
1973.....	195	5	50	43	96
1974.....	181	9	41	51	80
1975.....	177	—	25	0	151
1976.....	130	7	32	52	39
1977.....	152	7	33	56	56
1978.....	136	7	25	50	54
1979.....	134	6	27	57	43
1980.....	143	5	25	41	72
1981.....	120	5	24	34	56
1982.....	51	0	27	5	19
1983.....	47	0	24	2	21
1984.....	79	0	31	2	46
1985.....	72	7	35	4	26
1986.....	74	7	33	4	30
1987.....	96	11	36	7	42
1988.....	123	13	37	4	69
1989.....	148	18	40	4	87
1990.....	155	17	48	5	85
1991.....	218	24	39	7	148
1992.....	177	23	50	8	95
1993.....	202	23	51	10	118
1994.....	260	21	48	13	178
1995.....	267	18	52	15	181
1996.....	308	18	50	13	227
1997.....	280	16	50	2	212
1998.....	344	13	59	1	270
1999.....	402	14	67	11	310
2000.....	326	14	55	2	256
HHS					
1971.....	1,192	—	1,033	134	24
1972.....	1,135	1	977	130	27
1973.....	842	0	755	62	25
1974.....	1,056	0	857	183	16
1975.....	602	0	466	96	39
1976.....	517	0	376	100	41
1977.....	493	0	364	94	35
1978.....	481	0	378	95	9
1979.....	449	0	338	103	9
1980.....	449	0	335	107	6

See explanatory information and SOURCE at end of table.

Appendix table 10. NSF and HHS "other S&E support," by type of support: FY 1971–2000

(Millions of 1996 constant dollars)

Fiscal year	Total Other S&E support	Facilities and equipment for S&E instruction	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
1981.....	405	0	299	98	9
1982.....	330	0	231	93	5
1983.....	350	0	239	107	4
1984.....	354	0	231	118	5
1985.....	449	0	287	153	9
1986.....	425	0	272	141	12
1987.....	460	0	301	146	13
1988.....	448	0	300	136	12
1989.....	461	0	309	132	20
1990.....	477	0	336	119	22
1991.....	491	0	350	122	19
1992.....	446	0	349	76	21
1993.....	429	0	357	28	43
1994.....	491	0	404	66	21
1995.....	523	0	427	60	36
1996.....	532	0	422	71	39
1997.....	546	0	441	74	30
1998.....	615	0	475	104	35
1999.....	706	0	534	132	40
2000.....	735	–	533	160	42

KEY: – = less than \$500,000; NSF = National Science Foundation; HHS = Department of Health and Human Services

NOTE: Other S&E support includes support for facilities and equipment for S&E instruction; fellowships, traineeships, and training grants; general support for S&E; and other S&E activities.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, as reported in WebCASPAR data system (<<http://www.nsf.gov/sbe/srs/stats.htm>>).